(Caption of Case) In Re: Application of Duke Energy Carolinas, LLC For Authority to Adjust and Increase Its Electric Rates and Charges) BEFORE THE) PUBLIC SERVICE COMMISSION) OF SOUTH CAROLINA)) COVER SHEET)) DOCKET) NUMBER: 2009 - 226 - E				
(Please type or print							
Submitted by:	Charles A. Castle	9	SC Bar Number:	79895			
Address:	526 S. Church St	reet, EC03T	Telephone:	704-382-4499			
	Charlotte, NC 28		Fax: Other:	704-382-4494	4		
	C C STORING	· · · · · · · · · · · · · · · · · · ·		e@duke-energy.			
☐ Emergency R ☐ Other: ☐ INDUSTRY (C	elief demanded in policy (heck one)	7	item to be placed of		t's Agenda expeditiously		
☑ Electric		☐ Affidavit	Letter		Request		
Electric/Gas		Agreement	Memorandum		Request for Certificatio		
Electric/Telecon	mmunications	Answer	Motion		Request for Investigation		
☐ Electric/Water		Appellate Review	Objection		Resale Agreement		
☐ Electric/Water/	Telecom.	Application	Petition		Resale Amendment		
☐ Electric/Water/	Sewer	Brief	Petition for Re	econsideration	Reservation Letter		
Gas		Certificate	Petition for Ru	ılemaking	Response		
Railroad		Comments	Petition for Rul	e to Show Cause	Response to Discovery		
Sewer		Complaint	Petition to Inte	ervene	Return to Petition		
Telecommunica	ations	Consent Order	Petition to Inter	vene Out of Time	Stipulation		
☐ Transportation		Discovery	Prefiled Testin	nony	Subpoena		
Water		Exhibit	Promotion		☐ Tariff		
☐ Water/Sewer		Expedited Consideration	Proposed Orde	er	Other:		
Administrative	Matter	Interconnection Agreement	Protest				
Other:		Interconnection Amendment	t Publisher's Af	fidavit			
		Late-Filed Exhibit	Report				

BEFORE

THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA

In re: Application of Duke Energy Carolinas, LLC For Authority to Adjust and Increase Its Electric Rates and Charges

DUKE ENERGY CAROLINAS, LLC'S REQUEST FOR APPROVAL OF EE VINTAGE 0 REVENUE REQUIREMENT

In accordance with the Public Service Commission of South Carolina's ("the Commission") Order No. 2009-336 in Docket No. 2009-166-E and Order No. 2010-79 in Docket No. 2009-226-E, and the Settlement Agreement by and among Duke Energy Carolinas, LLC ("the Company"), the South Carolina Office of Regulatory Staff, South Carolina Energy Users Committee, and the Southern Environmental Law Center, the Company hereby requests that the Commission approve its application to recover costs deferred in connection with the implementation of its Energy Efficiency ("EE") Programs. The application reflects actual revenue requirements for the Company's EE and demand side management ("DSM") programs and recovers (a) revenues for Vintage 0 equal to 75% of the Company's avoided capacity costs applicable to DSM programs and 55% of the net present value ("NPV") avoided capacity and energy costs applicable to EE programs; and (b) lost revenues for EE programs only. Vintage 0 reflects the period of June 2009 through January 31, 2010, for which the Commission approved a deferral costs until a recovery mechanism was determined.

In support of its application, the Company states as follows:

- 1. The cost to be recovered for the Vintage 0 period is \$2,135,128 from residential customers and \$2,115,825 from non-residential customers. The various components comprising this amount are located in Exhibits 1-7 of this application. Per Order No. 2010-79 in Docket No. 2009-226-E, Vintage 0 shall be applied as an offset to the existing balance of DSM costs owed to customers rather than billed to customers under the Rider EE. Exhibit 7 illustrates the amounts to be apportioned to the existing DSM balance in accordance with the class of customers. See Order No. 2010-79, p. 13¹
- 2. The Vintage 0 period includes the following items:
 - a. Avoided cost revenue requirements to reflect actual participation and information related to the kW and kWh savings for the EE and DSM programs offered during Vintage 0.
 - b. Lost revenues for thirty-two of the thirty-six months of Vintage 0 to reflect current SC retail rates and to reflect the primary rate schedules for which kWh savings are being achieved. Lost revenues for February 1, 2010 to May 31, 2010, which the Company will seek to collect through the base rate case to be filed in 2011, are excluded.
 - c. Earnings cap calculation to reflect actual earnings based upon a percentage of program costs compared to those earned through avoided costs revenues.

Based on the foregoing, the Company respectfully requests that the Commission grant its application seeking approval of its Vintage 0 Revenue Requirement as described herein

¹ The Company expects the balances for residential, general and industrial to drop to zero by the end of 2012.

and in the attached exhibits. Additionally, the Company requests that in accordance with S.C. Code Ann. §58-27-870(F), the Commission allow the proposed rate to be put into effect without notice and hearing. The proposed rate does not require a determination of the entire rate structure and overall rate of return, and will facilitate an orderly rate administration.

Dated this 24th day of January, 2011.

Charles A. Castle, Senior Counsel

Timika Shafeek-Horton, Assistant General Counsel

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Duke Energy Carolinas

DSM/EE Cost Recovery Rider 0 Docket Number

Calculation of Actual Revenue Requirement Vintage 0

		Vint	age 0 Total SC
Residential Revenue Requirement:		R	etail Costs
1 EE Avoided Cost Component	Exhibit 2, Line 9	\$	1,389,240
2 DSM Avoided Cost Component	Exhibit 2, Line 17	\$	987,848
3 Residential Avoided Cost Revenue Requirement	Line 1 + Line 2	\$	2,377,088
4 Gross Receipts Tax and Regulatory Fee Factor			1.004581
5 Adjusted Residential Avoided Cost Revenue Requirement	Line 3 * Line 4	\$	2,387,978
6 Lost Revenues Vintage 0 (32 months)*	Exhibit 2, Line 10	\$	403,190
7 Residential Save-A-Watt Revenue Requirement	Line 5 + Line 6	\$	2,791,168
		Vint	age 0 Total SC
Non-Residential Revenue Requirement:		1	Retail Costs
1 EE Avoided Cost Component	Exhibit 2, Line 11	\$	1,562,171
2 DSM Avoided Cost Component	Exhibit 2, Line 18	\$	1,402,688
3 Non-Residential Avoided Cost Revenue Requirement	Line 1 + Line 2	\$	2,964,859
4 Gross Receipts Tax and Regulatory Fee Factor			1.004581
5 Adjusted Non-Residential Avoided Cost Revenue Requirement	Line 3 * Line 4	\$	2,978,441
6 Lost Revenues Vintage 0 (32 months)*	Exhibit 2, Line 12	\$	47,188
7 Non-Residential Save-A-Watt Revenue Requirement	Line 5 + Line 6	\$	3,025,628
* Feb 2012-May2012 Lost Revenues to be included in filing for 2012 Base Rate Case			
Earnings Cap Calculation			
1 Earnings (in excess of cap)	Exhibit 6, Line 30	\$	(609,492)
2 Gross Up of Earnings to Pre-Tax	Line 1 /.39176	\$	(1,555,778)
3 Gross up of Pre-Tax Earnings for Gross Receipts Tax and Regulatory Fee	Line 2*1.004581	\$	(1,562,905)
4 Amount to be applied to DSM Deferral Balance	Line 7 + Line 7 + Line 3	\$	4,253,891

Duke Energy Carolinas DSM/EE Cost Recovery Rider 0 Docket Number

Save-A-Watt Revenue Requirement Support Data

1	Allocation 1 to state based on kWh sales SC Retail	Exhibit 3		26.9121760%
	Allocation 2 to state based on peak demand			
2	SC Retail	Exhibit 3		26.0829094%
	Allocation 3 SC res vs. non-res peak demand			
3	SC Residential	Exhibit 3		41.3232886%
4	Non-Residential	Exhibit 3		58.6767114%
	System Revenue Requirement for Energy Efficiency Programs			Vintage 0
-	Postbooks A attack Code - FF	B.L. War		F 162 12F
	Residential Avoided Costs - EE	Exhibit 5	\$	5,162,125
-	Residential Lost Revenues - EE Non-Residential Avoided Costs - EE	Exhibit 5 Exhibit 5	\$	1,498,171
-	Non-Residential Lost Revenues - EE	Exhibit 5	\$ \$	5,804,699 175,340
٥	Total EE	EXHIBITS	Ş	12,640,334
	TOTAL EE		Þ	12,040,334
	Allocation of Total EE to SC Retail	Sum (Line 8:Line 8) * Line 1	\$	3,401,789
	Allocation to SC Retail Broken Down by Class and Type		Г	Vintage 0
9	Allocation to SC Retail Broken Down by Class and Type Residential Avoided Costs - EE	Line 5 * Line 1	<u></u>	Vintage 0 1,389,240
	• • • • • • • • • • • • • • • • • • • •	Line 5 * Line 1 Line 6 * Line 1	\$	
10	Residential Avoided Costs - EE			1,389,240 403,190
10 11	Residential Avoided Costs - EE Residential Lost Revenues - EE	Line 6 * Line 1	\$	1,389,240
10 11	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE	Line 6 * Line 1 Line 7 * Line 1	\$ \$	1,389,240 403,190 1,562,171
10 11	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1	\$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789
10 11	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1	\$ \$ \$	1,389,240 403,190 1,562,171 47,188
10 11 12	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1	\$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789
10 11 12	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12	\$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0
10 11 12	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5	\$ \$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0
10 11 12 13 14	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5 Exhibit 5	\$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0 3,066,226 6,098,917
10 11 12 13 14	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM Total DSM Allocation of Total DSM to SC Retail	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5 Exhibit 5	\$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0 3,066,226 6,098,917
10 11 12 13 14 15	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM Total DSM Allocation of Total DSM to SC Retail	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5 Exhibit 5 Line 13 + Line 14	\$ \$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0 3,066,226 6,098,917 9,165,143
10 11 12 13 14 15	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM Total DSM Allocation of Total DSM to SC Retail Total DSM	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5 Exhibit 5 Line 13 + Line 14	\$ \$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0 3,066,226 6,098,917 9,165,143
10 11 12 13 14 15	Residential Avoided Costs - EE Residential Lost Revenues - EE Non-Residential Avoided Costs - EE Non-Residential Lost Revenues - EE Total System Revenue Requirements for DSM Programs Residential Avoided Costs - DSM Non-Residential Avoided Costs - DSM Total DSM Allocation of Total DSM to SC Retail Total DSM Allocation to Residential vs. Non Residential	Line 6 * Line 1 Line 7 * Line 1 Line 8 * Line 1 Sum Lines 9 - 12 Exhibit 5 Exhibit 5 Line 13 + Line 14 Line 15 * Line 2	\$ \$ \$ \$ \$ \$ \$ \$ \$	1,389,240 403,190 1,562,171 47,188 3,401,789 Vintage 0 3,066,226 6,098,917 9,165,143 2,390,536

Duke Energy Carolinas DSM/EE Cost Recovery Rider 0

Allocation Factors

KWH SALES ALLOCATOR: Source 2009 COS Study			
	Percent of System	Percent of Retail	
NC Retail Sales Allocation	69.118573%	73.007611%	
SC Retail Sales Allocation*	25.478593%	26.912176%	
Greenwood Retail Sales Allocation	0.075940%		
Total Retail	94.673106%		
PEAK DEMAND ALLOCATOR: Source 2009 COS Study			
	Percent of System	Percent of Retail	Percent of State
NC Peak Demand Allocation	70.103905%		
SC Peak Demand Allocation			
Residential	10.235875%		41.3232886%
Non-residential	14.534358%		58.6767114%
Greenwood	0.093154%		
Whisle Peak Demand Allocation	5.032709%		
System Peak Demand	100.0000000%		100.0000000%
NC Peak Demand Allocation	70.103905%	73.8190004%	
SC Retail Peak Demand Allocation	24.770233%	26.0829094%	
Greenwood	0.09315%		
Total Retail	94.9672914%		

DSM/EE Cost Recovery Rider 0

Program Costs

(in thousands)

	Α	В	С		
	Total System Costs	SC Retail kWh Sales	SC Allocated Costs	Residential	Non- Residential
Energy Efficiency (EE) Programs:		Jaies	COSCS	Residential	Residential
1 Residential Energy Assessments	1,744,324		469,436	469,436	
2 Residential Smart Saver	2,434,706		655,232	655,232	
3 Low Income Services	73,674		19,827	19,827	
4 Energy Efficiency Education Schools Program	1,980,369		532,960	532,960	
5 Nonresidential Energy Assessments	196,655		52,924	332,300	52,924
6 Nonresidential Smart Saver	2,000,201		538,298		538,298
			319,764	103,080	216,684
7 Oversight of EE programs	1,188,178	26.9121760%		103,000	210,004
8 Subtotal EE Program Costs	9,618,107	20.9121700%	2,588,442		
		SC Retail Peak			
		Demand		4	
Demand-Side Management (DSM) Programs:					
8 Power Manager	2,053,222		535,540		
9 Power Share	929,399		242,414		
10 Oversight of DSM programs	526,373		137,293		
Subtotal DSM Program Costs	3,508,994	26.0829094%	915,248	378,210	537,037
11 Total EE & DSM Program Costs	13,127,101		3,503,690	2,158,746	1,344,943

Duke Energy Carolinas DSM/EE Cost Recovery Rider 0 Docket Number

Load Impact, Costs and Net Lost Revenues by Program

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Residential Programs 1. Residential Energy Assessments 2. Smart Saver® for Residential Customers 3. Low Income Energy Efficiency and Weatherization Assistance 4. Energy Efficiency Education Program for Schools 5. Total for Residential Conservation Programs	SC kW - Summer Peak 559 517 67 58	SC-Energy Reduction 5,061,341 4,536,584 653,666 439,985	\$ 2,237,22; \$ 2,463,261 \$ 270,511 \$ 191,121 \$ 5,162,127	\$ 709,227 \$ 635,695 \$ 91,596 \$ 61,654	SC Allocation Factor Allocation based on kWh sales Exhibit 4 0.269121760 0.269121760 0.269121760	SC Allocation Factor Exhibit 4 A1 * C1 A2 * C2 A3 * C3 A4 * C4	\$ 602,085 B1 * C1 \$ 662,919 B2 * C2 \$ 72,802 B3 * C3 \$ 51,435 B4 * C4 \$ 1,389,240	\$C Residential Lost Revenues \$ 190,868 \$ 171,079 \$ 24,650 \$ 16,592 \$ 403,190
6 Power Manager 7 Total Residential	13,671		75' \$ 3,066,22' \$ 8,228,35:	<u>.</u>	Allocation based on Peak Demand 0.260829094	Allocation Residential vs. Non-Residential Peak Demand 0.413232886 (A6+A15) *C6 *D6	\$ 987,848 \$ 2,377,088	
Non-Residential Programs	SC kW - Summer Peak	SC-Energy Reduction	System Avoided Costs	System Lost Revenues Net of Variable O&M	SC Allocation Factor Allocation based on kWh sales Exhibit 4	Exhibit 4	SC Non-Residential Avaided Costs	SC Non-Residential Lost Revenues
Non-Residential Programs 8 Smart Saver* for Non-Residential Customers Lighting 9 Smart Saver* for Non-Residential Customers Motors 10 Smart Saver* for Non-Residential Customers - Other Prescriptive 11 Smart Saver* for Non-Residential Customers - Energy Star Food Service Products 12 Smart Saver* for Non-Residential Customers - HVAC 13 Smart Saver* for Non-Residential Customers - Custom Rebate 14 Total for Non-Residential Conservation Programs	1,708 53 - 18 88 5	6,638,648 273,529 - 94,465 254,439 64,387	\$ 5,015,24 \$ 293,76 \$ - \$ 90,59 \$ 372,79 \$ 32,29 \$ 5,804,69	\$ 6,291 \$ - \$ 2,159 \$ \$ 6,449 \$ \$ 1,368	0.269121760 0.269121760 0.269121760 0.269121760 0.269121760 0.269121760	A8 ° C8 A9 ° C9 A10 ° C10 A11 ° C11 A12 ° C12 A13 ° C13	\$ 1,349,713 B8 * C8 \$ 79,057 B9 * C9 \$ - 810 * C1 \$ 24,381 B11 * C1 \$ 100,327 B12 * C1 \$ 8,692 B13 * C1	1 \$ 581 2 \$ 1,736
15 Power Share 16 Total Non-Residential	27,193		\$ 6,098,91 \$ 11,903,61	<u>, </u>	Allocation based on Peak Demand 0.260829094	Allocation Residential vs. Non-Residential Peak Demand 0.586767114 (A6+A15) *C15 *D1	5 <u>\$ 1,402,688</u> \$ 2,964,859	

System Level Earnings Cap Calculation Vintage 0									
Total for Conservation Programs			Α		В		С	D	Ε
		Res		Non Res		Total			
1 AC Revenues-55%	Exhibit 5	\$	5,162,125	\$	5,804,699	\$	10,966,824		
2 Program Costs	Exhibit 4	\$	6,616,097	\$	3,002,010	\$	9,618,107		
3 Avoided Costs -100%	Exhibit 5	\$	9,385,682	\$	10,553, 9 98	\$	19,939,680		
4 kW	Exhibit 5		1,201		1,872		3,073		
5 kWh	Exhibit 5		10,691,576		7,325,468		18,017,044		
6 Income Before Taxes	Line 1 - Line 2	\$	(1,453,972)	\$	2,802,689	\$	1,348,717		
7 Income Taxes	Line 6 * .39176	\$	(569,608)	\$	1,097,982	\$	528,373		
8 Net Income	Line 6 - Line 7	\$	(884,364)	\$	1,704,708	\$	820,344		
Total for DSM Programs									
		Res		Non Res		Total			
9 AC Revenues-75%	Exhibit 5	\$	3,066,226	\$	6,098,917	\$	9,165,143		
10 Program Costs	Exhibit 4	\$	2,053,222	\$	1,455,772	\$	3,508,994		
11 Avoided Costs -100%	Exhibit 5	\$	4,088,301	\$	8,131,889	\$	12,220,191		
12 kW	Exhibit 5		13,671		27,193		40,864		
13 kWh	Exhibit 5						-		
14 Income Before Taxes	Line 9 - Line 10	\$	1,013,004	\$	4,643,145	\$	5,656,149		
15 Income Taxes	Line 14 * .39176	\$	396,854	\$	1,818,998	\$	2,215,853		
16 Net Income	Line 14 - Line 15	\$	616,150	\$	2,824,147	\$	3,440,296		
Total for SAW Programs Adjusted for DSM Cap									
		Res		Non Res		Total		Res	Non Res
17 AC Revenues	Line 1 + Line 9	\$	8,228,351	\$	11,903,616	\$	20,131,967		
18 Program Costs	Line 2 + Line 10	\$	8,669,319	\$	4,457,782	\$	13,127,101		
19 Avoided Costs	Line 3 + Line 11	\$	13,473,983	\$	18,685,888	\$	32,159,871	42%	58%
20 kW	Line 4 + Line 12		14,872		29,065		43,937		
21 kWh	Line 5 + Line 13		10,691,576		7,325,468		18,017,044		
22 Income Before Taxes	Line 17 - Line 18	\$	(440,968)	\$	7,445,834	\$	7,004,866		
23 Income Taxes	Line 22 * .39176	\$	(172,754)	\$	2,916,980	\$	2,744,226		
24 Net Income	Line 22 - Line 23	\$	(268,214)	\$	4,528,854	\$	4,260,640		
25 Percent DSM Avoided Cost to Total Avoided Cost (A)	Line C11 / Line C19						38%		
26 Percent Conservation Avoided Cost to Total Avoided Cost	Line C3 / Line C19						62%		
	,								
27 Earnings Cap: Allowed Return on Program Costs	C18 * 15%					\$	1,969,065		
28 System Earnings in Excess of Program Costs	Line C24 - Line C27					\$	2,291,575		
29 SC Allocation	(Exhibit 2, Line 1 * I	Line 26) +	· (Exhibit 2, Line :	2 * Line 2 <u>5</u>	i)		26.5971%		
30 Excess Earnings to be netted against VO Revenue Requirement	Line 28 * Line 29					\$	609,492		

⁽A) No Adjustment required since DSM avoided costs percent is less than 40%

Duke Energy Carolinas

DSM/EE Cost Recovery Rider 0

Docket Number
Calculation of Application to old DSM Balance

		Exhibit 1, Line 7 Residential + Line 7 Non-Residential	
1 Total Am	ount of Vintage 0 to be Applied to Old DSM Balance	Line / Non-Residential	\$ 5,816,796
2 Amount	to be Applied to Residential Balance for EE and DSM Programs	Exhibit 1, Line 7 - Residential	\$ 2,791,168
		Exhibit 1, (Line 1 * Line 4) +	
3 Amount 1	to be Applied to Non-Residential Balance for EE Programs	Line 6 - Non-Residential	\$ 1,616,515
4 Amount 1	to be Applied to Industrial for EE Programs	Line 3 * Line A1	\$ 930,280
5 Amount t	to be Applied to General for EE Programs	Line 3 * Line A2	\$ 658,814
6 Amount t	to be Applied to Lighting for EE Programs	Line 3 * Line A3	\$ 27,421
7 Amount 1	to be Applied to Non-Residential Balance for DSM Programs	Exhibt 1 (Line 2 X Line 4)	\$ 1,409,114
8 Amount t	to be Applied to Industrial for DSM Programs	Line 7 * Line A4	\$ 719,803
9 Amount t	to be Applied to General for DSM Programs	Line 7 * Line A5	\$ 689,009
10 Amount t	to be Applied to Lighting for DSM Programs	Line 7 * Line A6	\$ 301
11 Total Am	ount of Earnings Cap to be Applied to Old DSM Balance	Exhibt 1	\$ (1,562,905)
11a	Residential percent of Avoided Cost	Line 11 * Exhibit 6 D19	\$ (654,809)
11b	Non-Residential percent of Avoided Cost	Line 11 * Exhibit 6 E19	\$ (908,097)
11c	Industrial percent of kWh sales	Line 11 b * Line A1	\$ (522,596)
11d	General percent of kWh sales	Line 11 b * Line A2	\$ (370,097)
11e	Lighting percent of kWh sales	Line 11 b * Line A3	\$ (15,404)
12 Total Am	ount of Vintage 0 Impacts to be Applied to Residential	Line 2 + Line 11a	\$ 2,136,359
13 Total Am	ount of Vintage 0 Impacts to be Applied to Industrial	Line 4 + Line 8 + Line 11c	\$ 1,127,488
14 Total Am	ount of Vintage 0 Impacts to be Applied to General	Line 5 + Line 9 + Line 11d	\$ 977,726
15 Total Am	ount of Vintage 0 Impacts to be Applied to Lighting	Line 6 + Line 10 + Line 11e	\$ 12,318
			\$ 4,253,891

kWh Sales Non-Residential Breakdown	2009 COS	Α	kWh Sales	HP Breakdown	
1 Industrial percent of kWh sales	38.997036%	57.548519%	HP	-0.4845624%	(96,172,565)
2 General percent of kWh sales	27.617251%	40.755197%	OPT-G	-0.10365881%	(20,573,478)
3 Lighting percent of kWh sales	1.149466%	1.696284%	G	0.03599634%	7,144,303
	67.76375%	100.00000%	OPT-I	-0.41689993%	(82,743,390)
Peak Demand Non-Residential Breakdown	2009 COS		Peak Dema	and HP Breakdown	
4 Industrial percent of kWh sales	29.973241%	51.082006%	HP	2.9234881%	118.791
4 illuustilai percent oi kvvii saies	43.373441/0	31.00200070	•••	2.525400170	110,731
5 General percent of kWh sales	28.690944%	48.896645%	OPT-G	0.08190325%	3,328
•					• -